

FIG. 1

FIG. 2



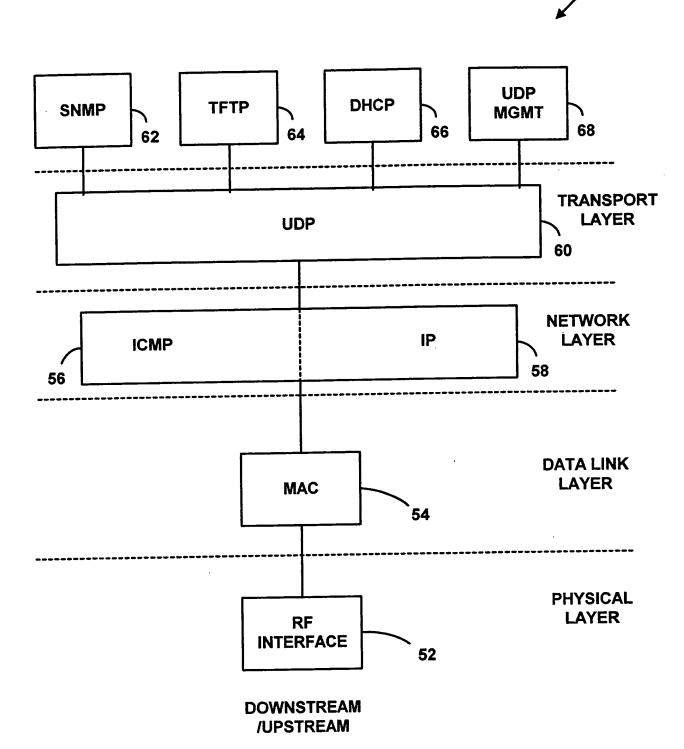


FIG. 3

REQUEST MESSAGE

| | FC <u>72</u> | REQ <u>74</u> | SID <u>76</u> | HCS 78 | 70 |
|--|-----------------|------------------|------------------|-----------|----|
|--|-----------------|------------------|------------------|-----------|----|

FIG. 4

80

MAP MESSAGE

MAC MANAGEMENT MESSAGE HEADER 82 **NUMBER OF UPSTREAM UCD COUNT ELEMENTS RESERVED** CHANNEL ID 86 <u>84</u> <u>88</u> **ALLOC START TIME** 90 **ACK TIME** <u>92</u> **DATA** DATA **RANGING RANGING BACKOFF BACKOFF BACKOFF BACKOFF END END START START** MAP INFORMATION ELEMENTS <u>100</u>

FIG. 5

| | | 110.0 | 100 | |
|--------------------|--------------------------|-------------------|---------------|--|
| | MAP INFORMATION ELEMENTS | | | |
| FIRST INTERVAL | SID <u>76</u> | IUC <u>102</u> | OFFSET 104 | |
| SECOND INTERVAL | SID | IUC | OFFSET | |
| | | | ~ | |
| LAST INTERVAL | SID | IUC | OFFSET | |

UPSTREAM CHANNEL DESCRIPTOR

| MAC MANAGEMENT MESSAGE HEADER 112 | | | | | | |
|--|--|--|--|--|--|--|
| UPSTREAM CONFIGURATION MINI-SLOT SIZE CHANNEL ID 116 118 120 | | | | | | |
| TLV-ENCODED CHANNEL DESCRIPTOR 122 | | | | | | |
| TLV-ENCODED BURST DESCRIPTORS 124 | | | | | | |

FIG. 7

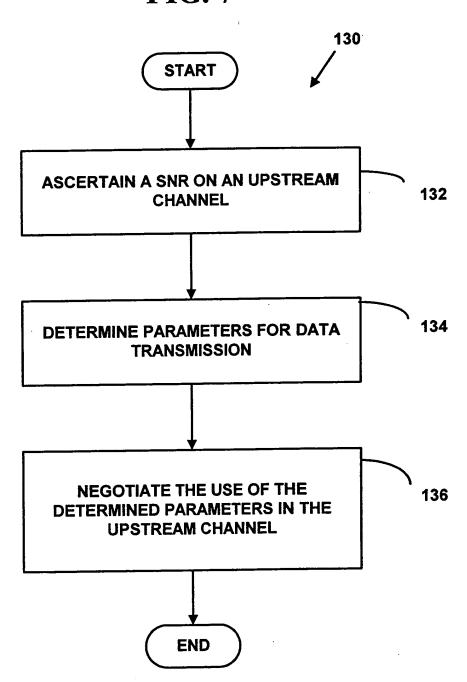


FIG. 8A

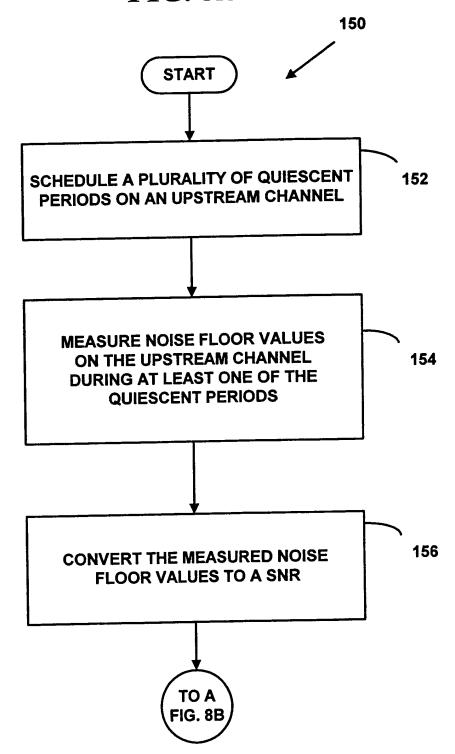
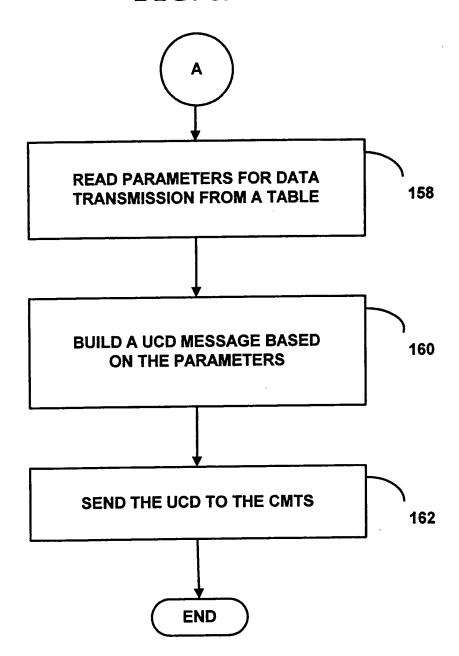


FIG. 8B



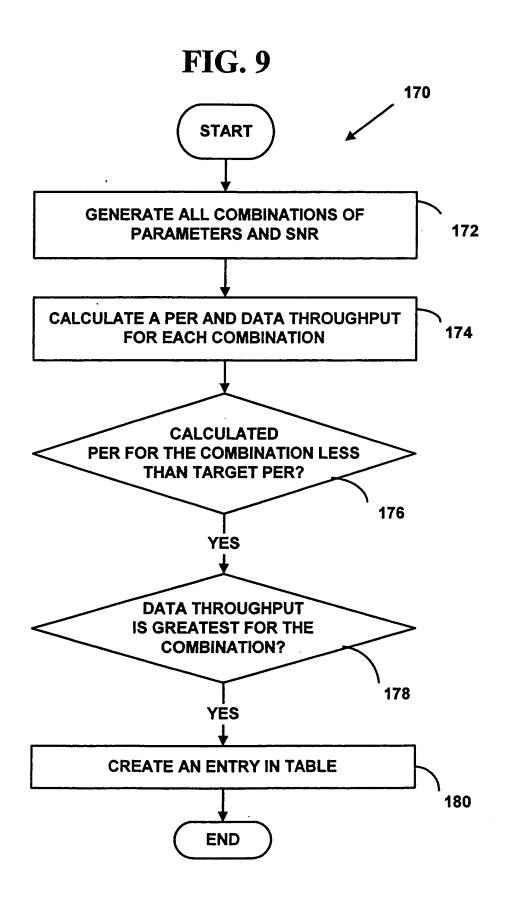


FIG. 10A

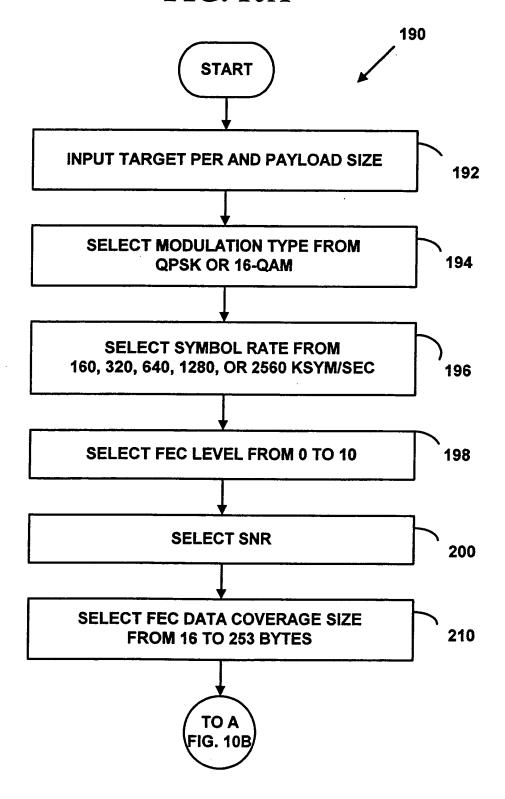


FIG. 10B

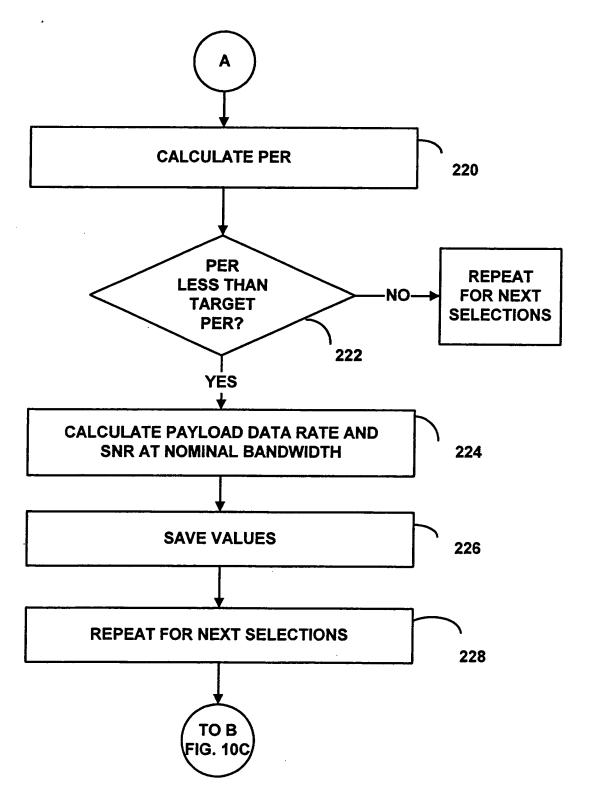
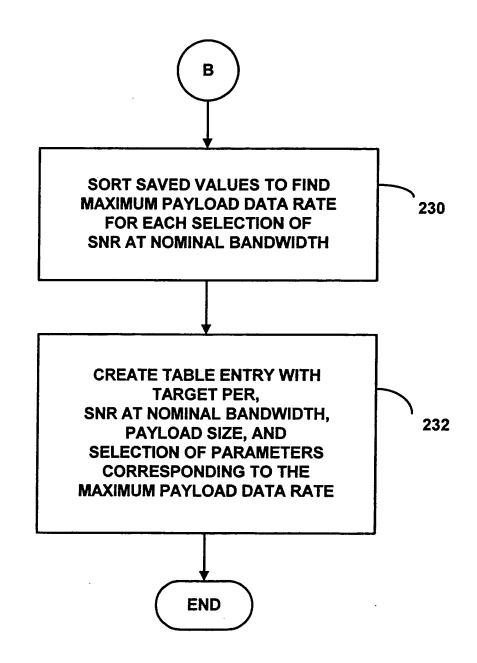


FIG. 10C



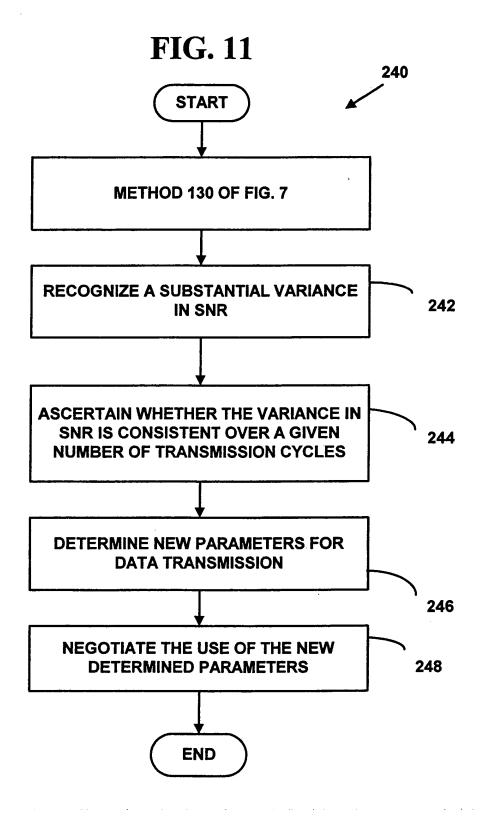


FIG. 12

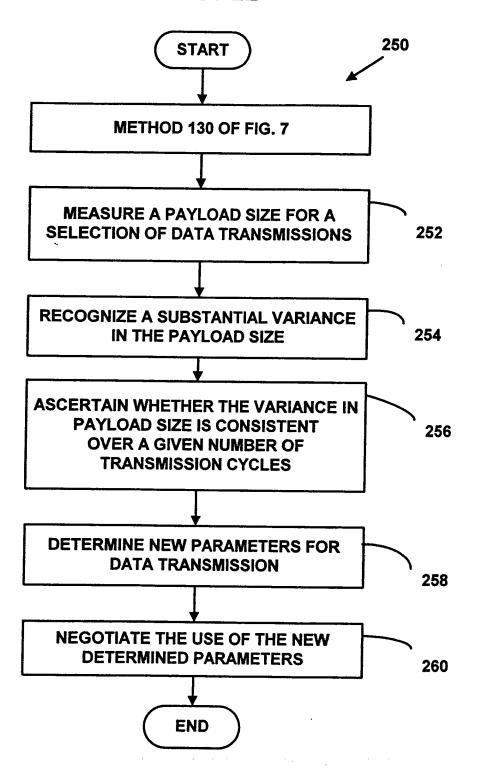


FIG. 13

